



INDRADHANUSH GAS GRID LIMITED
(Joint Venture of IOCL, ONGC, GAIL, OIL and NRL)
GUWAHATI, ASSAM

REPLY TO PRE BID QUERIES

FOR

**SOLAR POWER SYSTEM FOR PIPELINE SECTIONS
(1,2,3,4,5,6,7,8,9,12,13&14) UNDER NORTH EAST GAS GRID
PIPELINE PROJCT OF M/s IGGL**

OPEN DOMESTIC COMPETITIVE BIDDING

Tender no.: 05/51/23VC/IGGL/078

Visit: www.tenderwizard.com/MECON
(Tenderwizard helpdesk: 011-49424365)



PREPARED AND ISSUED BY
MECON LIMITED
(A Govt. of India Undertaking)
Delhi, India



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DATED : 22.04.2022

S.N.	CL. No.	Section/ Page	Section Detail/Description	Clarification / Deviation	MECON's Reply
1	1.1.1 & 1.1.3	289	i) 75 % Pro-rata for supply portion as per approved Billing Schedule on submission of Invoice in triplicate ii) 15% on Installation, site acceptance, testing and commissioning of individual item on submission of invoice iii) 10% of total supply portion on Performance test acceptance and handing over the SPV Power system	Since I & C is a separate line item, please include 100% payment against supply of goods to warehouse or site location	Please refer corrigendum#2
2	36.6	61	The order shall be issued in two stages which are as follows: i. The order for complete scope of the bidder, except Comprehensive Annual Maintenance Contract (CAMC) shall be issued to the successful bidder at first stage. ii. The separate order for Comprehensive Annual Maintenance Contract (CAMC) will be placed by IGGL before the expiry of contractual Warranty Period. However, the contract price quoted by the bidder for CAMC services will remain valid till the date of expiry of contractual warranty period.	ii. The separate order for Comprehensive Annual Maintenance Contract (CAMC) will be placed by IGGL before the expiry of contractual Warranty Period. However, the contract price quoted by the bidder for CAMC services will remain valid till the date of expiry of contractual warranty period - Price Variation Clause has to incorporate for spares and CAMC services	No price variation is accepted. Quoted price for CAMC will remain valid till date of expiry of contract warranty period.
3	22.1	254	FIRM PRICE The quoted prices shall be firm and shall not be subject to price escalation till the work is completed in all respects.	As the raw materials prices are varying abnormally during this pandemic and war, the price variation clause has to incorporate	Tender condition prevails
4	23&23.1	254	WORKS CONTRACT The work covered under this contract shall be treated as "Works Contract".	As per GST guidelines for solar projects: 70% of the project cost attracts 12% Tax and 30% of the project cost attracts 18% Tax. The average tax will become 13.8%. If it defines as works contracts then the tax will become 18%. Please clarify.	Tender condition prevails
5	1.0/1.13 (Vol2)	128	Efficiency :->90% (Over all) at100% load		Tender condition prevails
6	1.0/1.10 (Vol2)	128	Encloser Protection: IP-42		Tender condition prevails
7	9.0/9.4 (Vol2)	117	Accuracy For 24V,+48 &-48V : ±1%		Tender condition prevails



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8	16.8	53 Section-III of Vol 1webs.pdf	Earnest Money Deposit (EMD)	Please consider EMD exemption for MSMEs (Micro, Small & Medium Enterprises).	Please refer clause no. 16.8 & 16A of ITB (page no. 53 of 304), Vol I of II
9	1.1 & 1.2 of Annexure-5	289 Section-V of Vol 1webs.pdf	A. Payment Terms— Supply part B. Payment Terms—I&C part	Kindly consider payment terms as 90% with 100% GST & Freight against supply of material on pro rata basis; 5% against I&C and balance 5% against final handover of system. Provision to be kept to claim balance 10% payment against submission of bank guarantee of equal amount. Final payment of 10% to be against final handing over instead of PGT.	Please refer corrigendum#2
10			Minimum quoted values – I&C	The minimum percentage for I&C charge should be 10% of total value of supply. Note : Situation where any bidder quotes less than the minimum estimated percentage as mentioned above, the differential amount shall be kept under hold from the payment of Supply and the same will be released after successful completion of I&C.	Tender condition prevails
11			Minimum quoted values -- CAMC	The minimum percentage for CAMC charges should be 7% of total value of supply and I&C. Note: Situation where any bidder quotes less than the minimum estimated percentage as mentioned above, the differential amount shall be kept under hold from the payment of SITC and the same will be released after completion of successful CAMC. e.g. Total Cost of SITC & CAMC = Rs. 100 □ Supply part = Rs. 83 □ I&C part = Rs. 10 □ CAMC for 5 years = Rs. 7	Tender condition prevails



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12			Undertaking for OEMs	Main Component of system including DCDB, Inverter, Battery Charger, DCDC converter, AJB & SCC manufacturer/OEM to give undertaking for service/ replacement/repair works to end customer in case contractor leaves the part unfinished. This list however may not include passive materials like Photovoltaic Panels, BOS and Battery.	Please refer corrigendum#2
13	1.4 of Annexure-5	290 Section-V of Vol 1webs.pdf	Storage at warehouse/store (hired and paid by supplier) and Extended storage charge paid by end customer.	Rent of warehouse to be comes in contractor's scope for 6 months & beyond it in end customer's scope. As per our experience in past projects, warehouse rent increases on annually basis approx. 10%. Due to delay in site readiness from customer end however contractor has to bear the cost.	Tender condition prevails
14	Annexure-3 15	282 to 285 95 Section-V of Vol 1webs.pdf Section-III of Vol 1webs.pdf	Maximum period for written intimation from the date of FOA. The bid validity period shall be 04 (four) months from final 'Bid Due Date'.	In these types of projects, the battery and BOS items including raw materials like Nickel Cadmium, Photovoltaic Solar Cells, and Copper are few of the major components which are volatile in terms of pricing in nature. Battery itself is 55-60% of total order value. But due to delay in manufacturing clearance, prices of all above said items gets increased. Pandemic like Covid has triggered global raw material shortage and then Russia Ukraine war has further disrupted supply chains which is going to have increasing burden on price subjectivity across globe. These reasons are beyond our control which affect the overall project cost by percentages beyond our profits and control. Manufacturing clearance/written intimationof all stations within 6 months from the date of FAX of Acceptance (FOA). PVC clause should be applicable due to dynamic international pricing of raw materials after 6 months from the date of FOA	Tender condition prevails



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15	B.1 BEC: Annual Turnover	12 Section-II of Vol 1webs.pdf	The minimum annual turnover (i.e. Revenue from Operations) of the bidder as per their audited financial statement in any one of the three immediate preceding financial years PART-A : 8,10,00,000 PART-B : 11,50,00,000 PART A+ PART B: 19,60,00,000	Kindly consider the minimum annual turnover (i.e. Revenue from Operations) of the bidder as per their audited financial statement of the three immediate preceding Financial years 30 Crores (INR) yearly and cumulative of three years to be 100 Crores for aforesaid tender for PART A + PART B.	Tender condition prevails
16	A.1 BEC: (Technical Criteria) A.2	11 Section-II of Vol 1webs.pdf	The bidder should have Supplied, Installed, Tested and Commissioned at least One (1) no. of Off grid / Hybrid (other than domestic / household) Solar Photo Voltaic System of minimum 400W load with Battery storage (The capacity of SPV system shall be minimum 4.0 KWp) in the last 7 years reckoned from the bid due date in one single contract. Part-B A.2.1 The bidder should have Supplied, Installed, Tested and Commissioned at least One (1) no. of Off grid / Hybrid (other than domestic / household) Solar Photo Voltaic System of minimum 400W load with Battery storage (The capacity of SPV system shall be minimum 4.0 KWp) in the last 7 years reckoned from the bid due date in one single contract.	PART A: Kindly consider "The bidder should have Supplied, Installed, Tested and Commissioned at least One (1) no. of Off grid / Hybrid (other than domestic / household) Solar Photo Voltaic System with Battery storage (The capacity of SPV system shall be minimum 40.0 KWp with battery storage of min. 80kWh in the last 7 years reckoned from the bid due date in one single contract. Part-B: Kindly consider the bidder should have Supplied, Installed, Tested and Commissioned at least One (1) no. of Off grid / Hybrid (other than domestic / household) Solar Photo Voltaic System with Battery storage (The capacity of SPV system shall be minimum 75.0 KWp with battery storage of min. 150kwh in the last 7 years reckoned from the bid due date in one single contract.	Tender condition prevails
17				PGT is not possible in storage based Solar System.	Please refer corrigendum#2



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18	32	184 Section-IV of Vol 1webs.pdf	Termination of Contract	applicable for below mentioned clauses only: <input type="checkbox"/> TERMINATION OF CONTRACT FOR DEATH TERMINATION OF CONTRACT IN CASE OF LIQUIDATION / BANKRUPTCY ETC. TERMINATION OF CONTRACT FOR NONPERFORMANCE AND SUBSEQUENTLY PUTTING THE CONTRACTOR ON HOLIDAY Any addition clause is not applicable for foreclosure/ termination of contract.	Tender condition prevails
19	5 (a)	6 Vol2 webpart2.pdf	DCDB Feeder	DCDB feeder details are not defined for which rating i.e. for 1400W or 2000W.	Feeder details are revised in the data sheets for 1400W & 2000W, Please refer corrigendum#2
20	1.2	2 Vol2 webpart2.pdf	Daily Load Demand	Daily load demand mentioned in pg no-2 volume-2, part-2 is 800 W but in SOR it is 1400W and 2000W.	Please refer corrigendum#2
21		29 Vol2 webpart2.pdf	Block Schematic of Solar Power System	In block schematic of Solar Power System, Battery bank rating mentioned 96V/850Ah. Kindly confirm it is as per actual calculation calculated by us or as mentioned in SLD i.e. 850Ah.	Please refer corrigendum#2 for revised schemati diagram
22	2	18 Vol2 webpart2.pdf	Specification of Battery Charg	Bidirectional AFE type IGBT based FCBC battery charger is not applicable.	Tender condition prevails, Only unidirectional chargers are considered in this package.
23				Kindly allow consortium bids.	Not Acceptable, Tender Conditions Prevail
24				Request for incorporating price variation clause	Tender condition prevails